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INVENTOR(S): STEVE ARSCOTT ET AL.
APPLN. No.: 1034404-000002 SHEET 1 OF 10

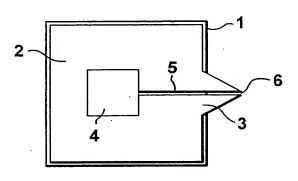


FIG. 1A

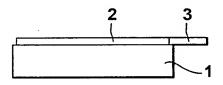


FIG. 1B

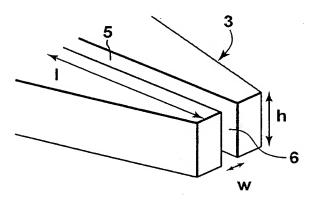


FIG. 2

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PRODUCTION THEREOF
INVENTOR(S): STEVE ARSCOTT ET AL.
APPLN. No.: 1034404-000002 SHEET 2 OF 10

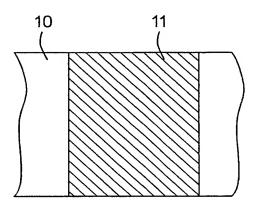


FIG. 3A

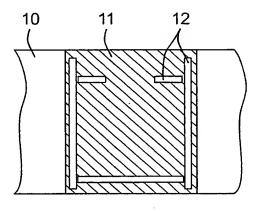


FIG. 3B

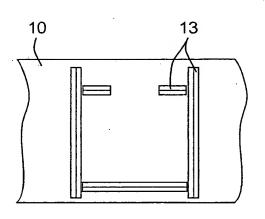


FIG. 3C

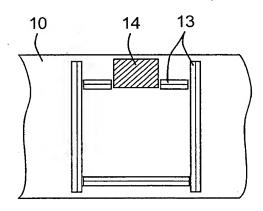


FIG. 3D

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MODELED ON A CALLIGRAPHY PEN AND THE
PRODUCTION THEREOF
INVENTOR(S): STEVE ARSCOTT ET AL.
APPLN. No.: 1034404-000002 SHEET 3 OF 10

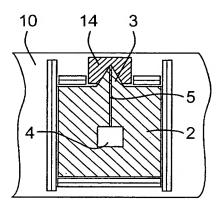


FIG. 3E

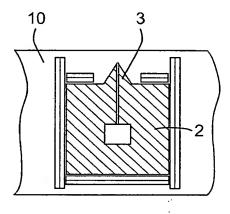


FIG. 3F

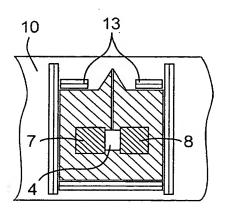


FIG. 3G

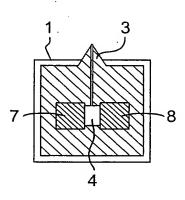
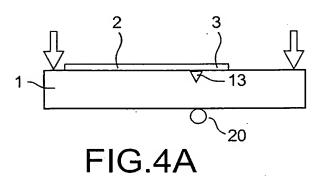
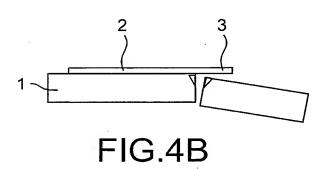


FIG. 3H

APPLN. FILING DATE: MAY 11, 2006
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PRODUCTION THEREOF
INVENTOR(S): STEVE ARSCOTT ET AL.
APPLN. NO.: 1034404-000002 SHEET 4 OF 10





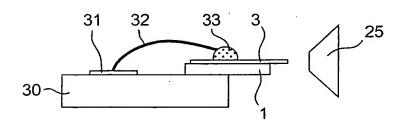


FIG.5

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PRODUCTION THEREOF
INVENTOR(S): STEVE ARSCOTT ET AL.
APPLN. NO.: 1034404-000002 SHEET 5 OF 10

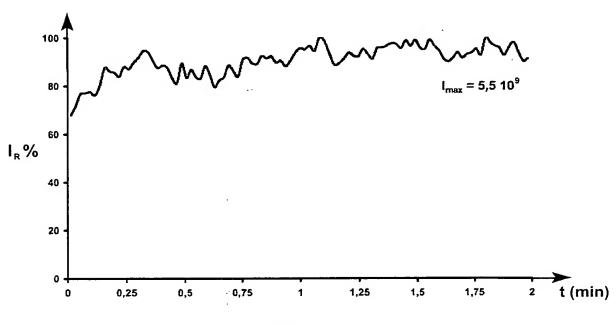


FIG.6

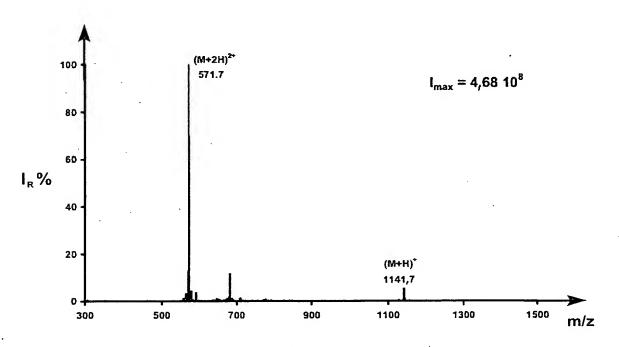


FIG.7

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PRODUCTION THEREOF
INVENTOR(S): STEVE ARSCOTT ET AL.
APPLN. NO.: 1034404-000002 SHEET 6 OF 10

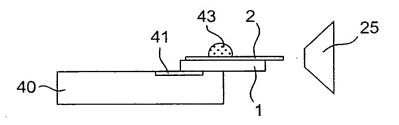
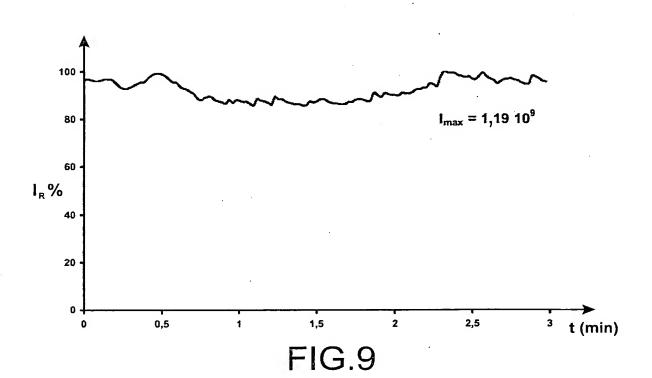
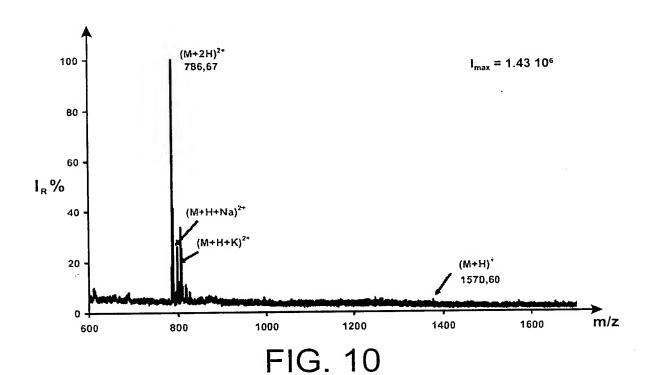


FIG.8



APPLN. FILING DATE: MAY 11, 2006
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MODELED ON A CALLIGRAPHY PEN AND THE
PRODUCTION THEREOF
INVENTOR(S): STEVE ARSCOTT ET AL.
APPLN. No.: 1034404-000002 SHEET 7 OF 10

7/10



M = EGVNDNEEGFFSAR 100 $I_{\text{max}} = 6.3 \ 10^5$ □ Loss of H₂O 80 (NI)NEEGFF SAH + ZHI)* 60 EGVNDNEEGFFSA + 2H)* 1_R% EGVNDNEEG ONEEGFFSAR-NH DNEEGFFSAR NEEGFFSAR - NH GFFSAR - NH 40 VNUNEEGFPSAR EGVNDNEEGFFSA EGVNUNEEGFFS 20 m/z 1300 1400 900 1000 1100 1200 500 600 700 800

FIG. 11

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INVENTOR(S): STEVE ARSCOTT ET AL.
APPLN. No.: 1034404-000002

SHEET 8 OF 10

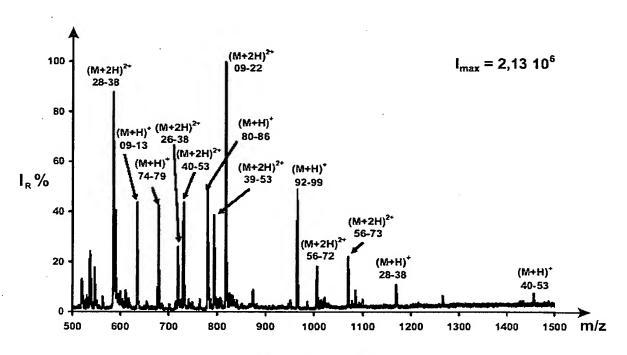


FIG. 12

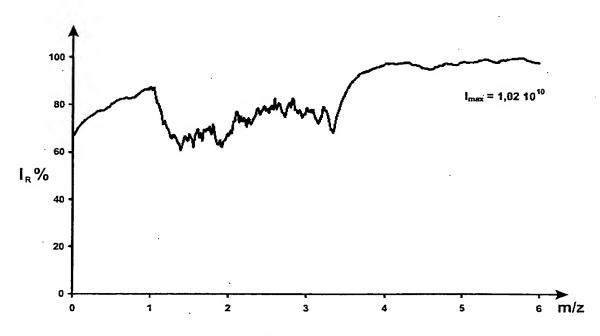


FIG. 13

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PRODUCTION THEREOF
INVENTOR(S): STEVE ARSCOTT ET AL.
APPLN. NO.: 1034404-000002 SHEET 9 OF 10

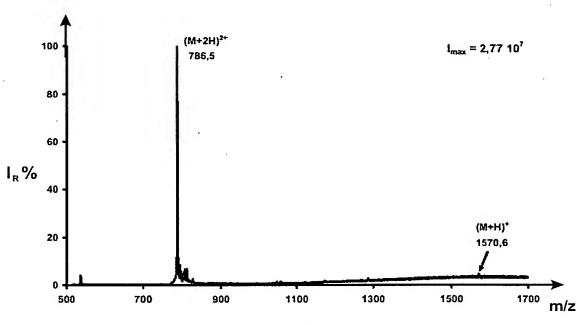


FIG. 14

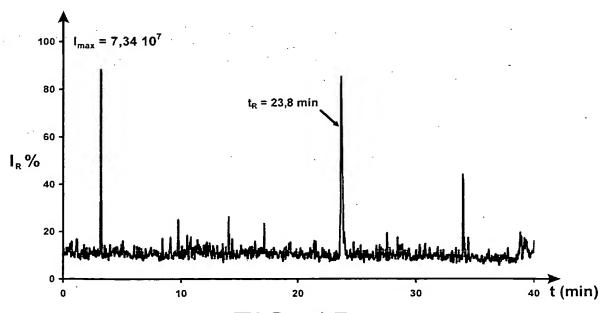


FIG. 15

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APPLN. No.: 1034404-000002 SHEET 10 OF 10

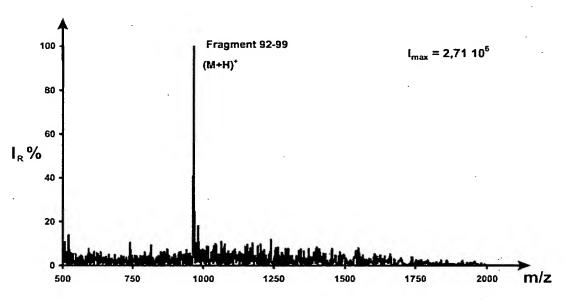


FIG. 16